ABSTRACT OF THE DISCLOSURE

A matrix switch of an optical waveguide type which has low transmission loss variations and includes uniform grooves with a deep vertical cross section is provided. A switching part for selecting between a light path extending from an input port of a first set of optical waveguides 11_1-11_m to an output port of the first set of optical waveguides 11_1-11_m and a light path extending from an input port of the first set of optical waveguides 11_1-11_m to an output port of a second set of optical waveguides 12_1-12_n is arranged for insertion into a switching groove arranged at each of the intersections of the first set of optical waveguides 11_1-11_m and the second set of optical waveguides 12_1-12_n. Each of the switching grooves is arranged on an imaginary straight line connecting intersections of the first set of optical waveguides 11_1-11_m and the second set of optical waveguides 12_1-12_n.